



Payload capacities of up to 220kg and a maximum working reach of 2666mm.

Handling Robot

The Panasonic YS- & HS-G3 series provides an additional field of application capabilities within the existing robot product range. Offering payload capacities of up to 220 kg and a maximum working range of 2666 mm. The YS-080G3 and HS-220G3 provide enhanced benefits for production automation solutions requiring work handling. Used in combination with a Panasonic welding robot, the movements of both robots can be fully synchronized using the "Harmonizer Function". This feature ensures the relative welding torch position to the work piece is maintained automatically. The programming of the weld position becomes as easy as working with a fixed work piece, ensuring that out-of-position welding can be avoided

Handling Robot

<https://eu.connect.panasonic.com/fr/en/robot-welding/industrial-robots/handling-robot>

Payload	YS-080G3: 80kgHS-220G3: 200kg
Repeatability	YS-080G3: ± 0.15mmHS-220G3: ± 0.06mm
Weight	YS-080G3: 620kgHS-220G3: 955kg
Max. Reach	YS-080G3: 2240mmHS-220G3: 2666mm
Max. Working Range Swivel	YS-080G3: ± 180°HS-220G3: ± 180°
Max. Working Range For/Backward	YS-080G3: -90° ~ +155°HS-220G3: -65° ~ +80°
Max. Working Range Up/Downward	YS-080G3: -180° ~ +230°
	HS-220G3: +230° ~ +130°
Max. Working Range Rotation	YS-080G3: ± 360°
	HS-220G3: ± 360°
Max. Working Range Bending	YS-080G3: ± 125°
	HS-220G3: ± 128°
Max. Working Range Twisting	YS-080G3: ± 360°
	HS-220G3: ± 360°
Max. Speed Swivel	YS-080G3: 170°/sHS-220G3: 120°/s
Max. Speed For/Backward	YS-080G3: 140°/sHS-220G3: 105°/s
Max. Speed Up/Downward	YS-080G3: 160°/sHS-220G3: 115°/s
Max. Speed Rotation	YS-080G3: 230°/sHS-220G3: 145°/s
Max. Speed Bending	YS-080G3: 230°/sHS-220G3: 145°/s
Max. Speed Twisting	YS-080G3: 624°/sHS-220G3: 624°/s
Allowable Moment Rotation	YS-080G3: 400Nm
	HS-220G3: 1420Nm
Allowable Moment Bending	YS-080G3: 400Nm
	HS-220G3: 1420Nm
Allowable Moment Twisting	YS-080G3: 200Nm
	HS-220G3: 770Nm